Interfaces:

Denso adapter (can be used as MBus)

GND
IGN
RX
TX
RTS
DTR
DTR
- Denso

USB

+12v

MBUS/VDO
MBUS
+12v
GND

Mbus

USB

+12v
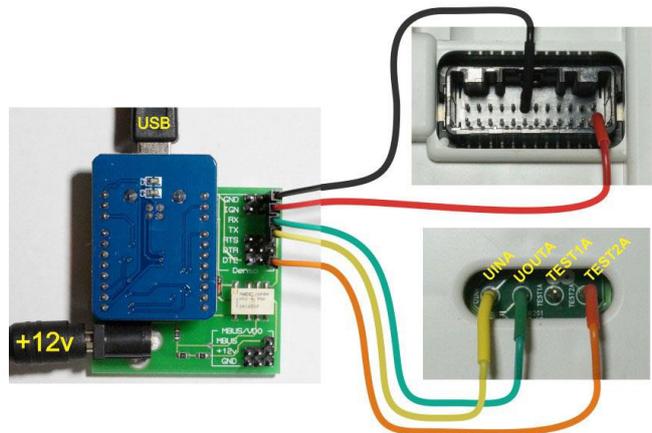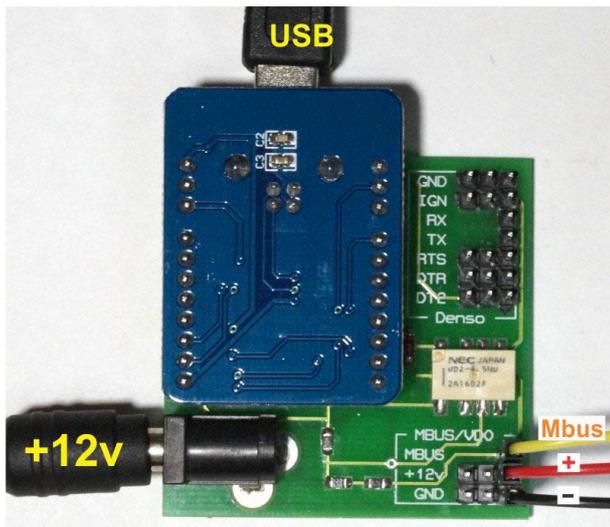
OBD2 adapter

ELS27

CAN FD

Base license:

VAZ (MBus) - Read/Write Odo and EEPROM, read Flash, PIN search for new clusters.
Kalina VDO NEC+93s56
Priora VDO NEC+93s56
Priora VDO NEC+93s56 w CAN
VAZ 2110,14,15, Niva VDO NEC+93c46 3pin
VAZ 2110,14,15, Niva VDO NEC+93s56

KIA (MBus) - Read/Write Odo and EEPROM, read Flash, PIN search for new clusters.
Bongo VDO NEC+93s56
Ceed VDO NEC+93C56
Magentis VDO NEC
Magentis VDO NEC+93C56
Mohave VDO NEC+93s56
Optima VDO NEC
Rio VDO NEC+93s56
SOUL VDO NEC+93C56
Sportage VDO NEC+93c56
Venga VDO NEC+93s56

Hyundai (MBus) - Read/Write Odo and EEPROM, read Flash, PIN search for new clusters.
Accent VDO NEC
Accent VDO NEC+93C56
Elantra VDO NEC

Elantra VDO NEC+93c56
Genesis BH 2009 (NEC+24C16)
H1 VDO NEC+93c56
H100 VDO NEC+93C56
HR VDO NEC+93C56
I20 VDO NEC+93C56
IX55 VDO NEC+93c56
Porter VDO NEC
Porter VDO NEC+93c56
Sonata VDO NEC
Sonata VDO NEC+93c56
Sonata VDO NF NEC+93c56
Starex VDO NEC+93C56
Starex GRX VDO NEC+93C56
Terracan VDO NEC
Trajet VDO NEC+93c56
Verna VDO NEC+93s56
XG350 VDO NEC+93C56

Toyota (MBus) - Read/Write Odo and EEPROM, read Flash, PIN search for new clusters.
Avalon VDO NEC+93c56
Avensis VDO NEC+93c56
Corolla VDO NEC+93c56

Peugeot (MBus) - Read/Write Odo and EEPROM, read Flash, PIN search for new clusters.
106 VDO NEC

Iran Khodro (MBus) - Read/Write Odo and EEPROM, read Flash, PIN search for new clusters.
Samand VDO NEC+93c56

SsangYong (MBus) - Read/Write Odo and EEPROM, read Flash, PIN search for new clusters.
Action VDO NEC+93s56
Kyron VDO NEC+93c56

Ford (ELS27)

C-Max 2005+ (MC9S12H256, H128)	Read/Write Odo and EEPROM
C-Max 2008+ Hi (MC9S12XHZ512)	Read/Write Odo and EEPROM
C-Max 2008+ Lo (MC9S12XHZ512)	Read/Write Odo and EEPROM
C-Max 2011+ (NEC+95320)	Read/Write Odo
C-Max 2011+ Color (NEC+95320)	Read/Write Odo
Escape 2013+ (MPC5645S+24c32)	Read/Write Odo
Explorer 2011+ 2xLCD (93C86 sot23)	Read/Write Odo
Explorer 2015+ 2xLCD Denso (93C86)	Read/Write Odo
Fiesta 2006+ (MC9S12H256)	Read/Write Odo and EEPROM
Fiesta 2008+ (MC9S12HZ256)	Read/Write Odo and EEPROM
Fiesta 2013+ (MC9S12XEQ384)	Read/Write Odo and EEPROM
Focus 2 2005+ (MC9S12H256,H128)	Read/Write Odo and EEPROM
Focus 2 2008+ Hi (MC9S12XHZ512)	Read/Write Odo and EEPROM
Focus 2 2008+ Lo (MC9S12XHZ512)	Read/Write Odo and EEPROM
Focus 3 2011+ (NEC+95320)	Read/Write Odo
Focus 3 2011+ Color (NEC+95320)	Read/Write Odo
Focus EV 2013+ 2xLCD Denso (93C86)	Read/Write Odo
Fusion 2006+ (MC9S12H256)	Read/Write Odo and EEPROM
Fusion 2013+ 2xLCD Denso (93C86)	Read/Write Odo
Fusion 2015+ (SPC5606S)	Read/Write Odo and EEPROM
Galaxy 2006+ Hi (MC9S12DP512)	Read/Write Odo and EEPROM
Galaxy 2006+ Lo (MC9S12H256)	Read/Write Odo and EEPROM
Galaxy 2010+ Hi (MC9S12XHZ512)	Read/Write Odo and EEPROM
Galaxy 2010+ Lo (MC9S12XHZ512)	Read/Write Odo and EEPROM
Galaxy Convers+ (MAC7116+24C16)	Read/Write Odo
Kuga 2008+ Hi (MC9S12XHZ512)	Read/Write Odo and EEPROM
Kuga 2008+ Lo (MC9S12XHZ512)	Read/Write Odo and EEPROM
Kuga 2 2013+ (MPC5606S+24c32)	Read/Write Odo
Kuga 2 2013+ (MPC5645S+24c32)	Read/Write Odo

Mondeo 2007+ Hi (MC9S12DP512)	Read/Write Odo and EEPROM
Mondeo 2007+ Lo (MC9S12H256)	Read/Write Odo and EEPROM
Mondeo 2010+ Hi (MC9S12XHZ512)	Read/Write Odo and EEPROM
Mondeo 2010+ Lo (MC9S12XHZ512)	Read/Write Odo and EEPROM
Mondeo 5, Full LCD	Read/Write Odo
Mondeo 5 (SPC5606S)	Read/Write Odo and EEPROM
Mondeo 5 2xLCD Denso (93C86)	Read/Write Odo
Mondeo Convers+ (MAC7116+24C16)	Read/Write Odo
Mustang 2015+ Denso (SC667221+93C86)	Read/Write Odo
S-Max 2006+ Hi (MC9S12DP512)	Read/Write Odo and EEPROM
S-Max 2006+ Lo (MC9S12H256)	Read/Write Odo and EEPROM
S-Max 2010+ Hi (MC9S12XHZ512)	Read/Write Odo and EEPROM
S-Max 2010+ Lo (MC9S12XHZ512)	Read/Write Odo and EEPROM
S-Max Convers+ (MAC7116+24C16)	Read/Write Odo
Tourneo 2012+ (NEC 70F3425+95320)	Read/Write Odo
Tourneo Connect 2006+ (MC9S12H256)	Read/Write Odo and EEPROM
Transit Connect 2006+ (MC9S12H256)	Read/Write Odo and EEPROM
Transit 2006+ (NEC 70F3325+93C76)	Write Odo
Transit 2009+ (NEC 70F3421+93C76)	Write Odo
Transit 2012+ (NEC 70F3425+95320)	Read/Write Odo
Transit Connect 2014+ (MPC5606S+24c32)	Read/Write Odo

Mazda (ELS27)

Mazda 3 2009-2013 (93C66)	Read/Write Odo and EEPROM
Mazda 5 2009-2013 (93C66)	Read/Write Odo and EEPROM

Tools

Renault Scenic II, bench power up

Renault Megane 3, bench power up

Renault Fluence, bench power up

Renault Logan 2, bench power up

Renault Sandero 2, bench power up

Renault Duster 2 bench, power up

Renault Laguna, bench power up

Ford Mondeo 5, Fusion 2013+, Explorer 2015+, bench power up

Ford Explorer 2011+, bench power up

License ST001 (Mazda, set 1):

Mazda (ELS27) Fujitsu + EEPROM, universal algorithm

Mazda All Universal (Read/Write Odo and EEPROM) – universal algorithm for Fujitsu + EEPROM. Automatic EEPROM 93C56/93C66/93C76 detection.

Mazda 2 (Demio) 93C66

Mazda 3 2005-08 (93C56)

Mazda 3 2009-13 (93C66)

Mazda 3 2014+ (93C76)

Mazda 6 2002-2006 (93C56)

Mazda 6, CX5 2013+ MB91Fxxx+93c76

Mazda 6, CX5 2013+ MB90Fxxx+93c76

Mazda CX-7 2007 (93C56)

Mazda CX-7 2009-2012 (93C66)

Mazda CX-9 2007-2009 (93C56)

Mazda Biante 2009 (93C56)

Mazda Premacy 2010 (93C56)

Mazda Premacy 2012 (93C66)

Mazda Tribute 2004 (93C56)

Ford Escape 2006-2008 (93C56)

Nissan Lafesta 2011 (93C66)

Mazda 6 2019+ Big Display (93c76)	Read/Write Odo and EEPROM
Mazda CX-5 2019+ Big Display (93c76)	Read/Write Odo and EEPROM
Mazda CX-9 2019+ Big Display (93c76)	Read/Write Odo and EEPROM

Fujitsu + EEPROM, using loader

Mazda 6 2012+ (90Fxxx+93C76)	Read/Write Odo and EEPROM
Mazda 6 2012+ (91Fxxx+93C76)	Read/Write Odo and EEPROM
Mazda CX-5 2012+ (90Fxxx+93C76)	Read/Write Odo and EEPROM

Mazda CX-5 2012+ (91Fxxx+93C76)	Read/Write Odo and EEPROM
Mazda CX-7 2009-2013 (93C66)	Read/Write Odo and EEPROM
Hitachi + EEPROM, using loader	
Mazda 6 2007-2012 (93C66)	Read/Write Odo
Mazda 6 2007-2012 (93C66) v2	Read/Write Odo and EEPROM

License ST002 (Hyundai/KIA 2014+ NEC without external EEPROM, Hyundai/KIA 24c16):
KIA (ELS27*)

Ceed 2009+ (24C16)	Read/Write Odo and EEPROM
Ceed 2012+ (24C16)	Read/Write Odo and EEPROM
Ceed 2015+ (24C16)	Read/Write Odo and EEPROM
Ceed 2015+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
K5 2020+ (R7F7014xx)	Read/Write Odo and EEPROM
K5 2020+ Full LCD (R7F7014xx)	Read/Write Odo and EEPROM
Magentis 2009+ (24C16)	Read/Write Odo and EEPROM
Mohave 2017+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
Optima 2011+ (24C16)	Read/Write Odo and EEPROM
Optima (K5) 2014+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
Rio 2017+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
Sorento (NEC without external EEPROM)	Read/Write Odo and EEPROM
Sorento 2009+ (24C16)	Read/Write Odo and EEPROM
Sorento 2012+ (24C16)	Read/Write Odo and EEPROM
Sorento 2015+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
Kia Sorento 4 2020+ (R7F7014xx) CAN FD*	Read/Write Odo and EEPROM
Kia Sorento 4 2020+ (R7F7014xx) Full LCD CAN FD*	Read/Write Odo and EEPROM
Soul 2010+ (24C16)	Read/Write Odo and EEPROM
Soul 2014+ (24C16)	Read/Write Odo and EEPROM
Soul 2014+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
Stinger 2018+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
Sportage 2010+ (24C16)	Read/Write Odo and EEPROM
Sportage 2014+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
Sportage 2015+ (24C16)	Read/Write Odo and EEPROM
Sportage 2016+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
Sportage 2020+ (R7F701403)	Read/Write Odo and EEPROM

    * CAN FD adapter to be used

Hyundai (ELS27*)

Accent 2010+ (24C16)	Read/Write Odo and EEPROM
Creta (NEC without external EEPROM)	Read/Write Odo and EEPROM
Genesis 2014+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
Genesis G70 (NEC 35xx, R7F7014xx) 2018-2021	Read/Write Odo and EEPROM
Genesis G80 (NEC upd70F3537) 2016-2020	Read/Write Odo and EEPROM
Grandeur 2012+ (24C16)	Read/Write Odo and EEPROM
Grandeur 2014+ (NEC 35xx)	Read/Write Odo and EEPROM
I20 2010+ (24C16)	Read/Write Odo and EEPROM
I20 2014+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
Solaris 2010+, 2013+ (24C16)	Read/Write Odo and EEPROM
Solaris 2017+ (NEC without external EEPROM)	Read/Write Odo and EEPROM
Sonata 2015+ USA (NEC 35xx)	Read/Write Odo and EEPROM
Sonata 2019+ (R7F701404)	Read/Write Odo and EEPROM
Sonata 2019+ Big LCD (R7F701414)	Read/Write Odo and EEPROM
Tucson (NEC without external EEPROM)	Read/Write Odo and EEPROM
Veloster 2011+ (24C16)	Read/Write Odo and EEPROM
Veloster 2015+ (NEC 35xx)	Read/Write Odo and EEPROM

SsangYong (ELS27)

Actyon Sports (24C16)	Read/Write Odo and EEPROM

* The instrument panel must be removed and programmed on the bench according to the diagram and instruction provided. The Central Gateway can be bypassed with License FD101 (Gateway Certification) and programming can be done over vehicles OBD2 port!

License ST003 (Mitsubishi):
Mitsubishi (ELS27)

ASX 2014+ 8100B951 (NEC 70F3529 without external EEPROM)   Read/Write Odo and EEPROM
ASX 2014+ 8100B961 (NEC 70F3523 without external EEPROM)   Read/Write Odo, Read EEPROM
ASX 8100B361 (mb91F223+93c86)   Read/Write Odo.
ASX 8100B451 (mb91F223+93c86)   Read/Write Odo.
ASX 8100B801 (mb91F223+93c76)   Read/Write Odo.
ASX 8100B821 (mb91F223+93c76)   Read/Write Odo.
ASX 8100C031 (mb91F223+93c76)   Read/Write Odo

ASX 8100C051 (mb91F223+93c76)   Read/Write Odo.

ASX 8100C621 (mb91F223+93c76)   Read/Write Odo.

ASX 8100C804 (mb91F223+93c76)   Read/Write Odo.

ASX 8100C809 (mb91F223+93c76)   Read/Write Odo.

Delica D5 8100B555 (mb91F223+93c86)   Read/Write Odo.
Eclipse 2018+ (NEC 35xx)   Read/Write Odo and EEPROM
Eclipse Cross (R7F701404)   Read/Write Odo and EEPROM
L200 8100B975 (NEC+93c76)   Read/Write Odo.
L200 8100C564 (NEC+93c76)   Read/Write Odo.
L200 8100C663 (NEC+93c76)   Read/Write Odo.
L200 8100C665 (NEC+93c76)   Read/Write Odo.
Lancer X 8100B361 (mb91F223+93c86)   Read/Write Odo.
Lancer X 8100B451 (mb91F223+93c86)   Read/Write Odo.
Lancer X 8100B801 (mb91F223+93c76)   Read/Write Odo.
Lancer X 8100B821 (mb91F223+93c76)   Read/Write Odo.
Lancer X 8100C051 (mb91F223+93c76)   Read/Write Odo.
Outlander 2014+ 8100B954 (NEC 70F35xx)   Read/Write Odo and EEPROM
Outlander 8100B197 (mb91F223+93c86)   Read/Write Odo.
Outlander 8100B202 (mb91F223+93c86)   Read/Write Odo.
Outlander 8100B451 (mb91F223+93c86)   Read/Write Odo.
Outlander 8100B801 (mb91F223+93c76)   Read/Write Odo.
Outlander 8100B889 (NEC+93c76)   Read/Write Odo.
Outlander 8100B895 (NEC+93c76)   Read/Write Odo.
Outlander 8100C292 (NEC+93c76)   Read/Write Odo.
Outlander 8100C294 (NEC+93c76)   Read/Write Odo.
Outlander 8100C506 (NEC+93c76)   Read/Write Odo.
Outlander 8100C529 (NEC+93c76)   Read/Write Odo.
Outlander 8100C533 (NEC+93c76)   Read/Write Odo.
Outlander 8100C543 (NEC+93c76)   Read/Write Odo.
Outlander 8100C832 (NEC+93c86)   Read/Write Odo.
Outlander Sport 8100C804 (mb91F223+93c76)   Read/Write Odo.
Outlander 2019 8100C651 (NEC+93c76)   Read/Write Odo.
Pajero Sport 2018 8100C589 (NEC+93c76)   Read/Write Odo.
Pajero Sport 2018 8100C642 (NEC+93c76)   Read/Write Odo.
Pajero Sport 2018 8100C732 (NEC+93c76)   Read/Write Odo.
Xpander 8100C889 (NEC+93c76)   Read/Write Odo.
Xpander 8100C890 (NEC+93c76)   Read/Write Odo.

Peugeot (ELS27)
4007 8100B197 (mb91F223+93c86)   Read/Write Odo.
4007 8100B202 (mb91F223+93c86)   Read/Write Odo.

4007 8100B451 (mb91F223+93c86)   Read/Write Odo.
4008 8100B801 (mb91F223+93c86)   Read/Write Odo.

Citroen (ELS27)
C-Crosser 8100B197 (mb91F223+93c86)   Read/Write Odo.
C-Crosser 8100B202 (mb91F223+93c86)   Read/Write Odo.
C-Crosser 8100B451 (mb91F223+93c86)   Read/Write Odo.
C-Crosser 8100B801 (mb91F223+93c76)   Read/Write Odo.

License ST004 (Renault):

Renault (ELS27)

Clio IV (MC9S12XHY256)   Read/Write Odo and Flash

Dokker (MC9S12XHY256)   Read/Write Odo and Flash
Duster 2 (MC9S12XHY256)   Read/Write Odo and EEPROM/Flash

Fluence (Fujitsu 96F386+95160)   Read/Write Odo and EEPROM/Flash

Fluence (Fujitsu 96F387+95160)   Read/Write Odo and EEPROM/Flash

Fluence (NEC+24c16)   Read/Write Odo and EEPROM/Flash

Kaptur (MC9S12XHY256)   Read/Write Odo and Flash

Logan 2 (MC9S12XHY256)	Read/Write Odo and EEPROM/Flash
Megane 3 (Fujitsu 96F386+95160)	Read /Write Odo and EEPROM/Flash
Megane 3 (Fujitsu 96F387+95160)	Read/Write Odo and EEPROM/Flash
Megane 3 (NEC+24c16)	Read/Write Odo and EEPROM/Flash
Samsung QM3 (MC9S12XHY256)	Read/Write Odo and Flash
Sandero 2 (MC9S12XHY256)	Read/Write Odo and EEPROM/Flash
Trafic (MC9S12XHY256)	Read/Write Odo and Flash

Dacia (ELS27)

Dokker (MB96F6A6)	Read/Write Odo and Flash
Duster 2 (MB96F385+95160)	Read/Write Odo and Flash
Duster 2 (MB96F6A6)	Read/Write Odo and Flash
Logan 2 (MB96F385+95160)	Read/Write Odo and Flash
Logan 2 (MB96F6A6)	Read/Write Odo and Flash
Lodgy (MB96F385+95160)	Read/Write Odo and Flash
Maintenance reminder – set Service due days/miles	

Nissan (ELS27)

Kicks (MC9S12XHY256)	Read/Write Odo and Flash
Terrano (MC9S12XHY256)	Read/Write Odo and EEPROM/Flash

Opel (ELS27)

Vivaro (MC9S12XHY256)	Read/Write Odo and Flash

VAZ (ELS27)

Lada XRAY (MC9S12XHY256)	Read/Write Odo and EEPROM/Flash

License ST005 (Denso):

Acura (Denso)

ILX (mb91F037+93C66)	Read/Write Odo and EEPROM
ILX 2014+ (mb91F060+93C66)	Read/Write Odo and EEPROM
MDX 2014+ (mb91F060+93C66)	Read/Write Odo and EEPROM
RDX (mb90F025+93C66)	Read/Write Odo and EEPROM
RDX 2014+ (mb91F060+93C66)	Read/Write Odo and EEPROM
RLX 2014+ (mb91F060+93C66)	Read/Write Odo and EEPROM
TL 2006-08 (mb90F025+93C66)	Read/Write Odo and EEPROM
TL 2010 (mb91F016+93C86)	Read/Write Odo and EEPROM
TLX 2014+ (mb91F060+93C66)	Read/Write Odo and EEPROM
TSX 2009 (mb91F016+93C86)	Read/Write Odo and EEPROM

Chevrolet (Denso)

Epica 2006+ (93C46)	Read/Write Odo and EEPROM
Lacetti (93C46)	Read/Write Odo and EEPROM

Daewoo (Denso)

Gentra (93C56)	Read/Write Odo and EEPROM

Daihatsu (Denso)

Be-Go (mb90F025+93C56)	Read/Write Odo and EEPROM
Be-Go (mb90F025+93C66)	Read/Write Odo and EEPROM
Copen 2013 (mb91F047+93C66)	Read/Write Odo and EEPROM
Mira 2013 (mb91F047+93C66)	Read/Write Odo and EEPROM
Mira (mb90F025+93C66)	Read/Write Odo and EEPROM
Move 2011 (mb91F047+93C66)	Read/Write Odo and EEPROM
Move 2012 (mb91F047+93C66)	Read/Write Odo and EEPROM
Move 2013 (mb91F047+93C66)	Read/Write Odo and EEPROM
Move 2014 (mb91F047+93C66)	Read/Write Odo and EEPROM
Terios 2009 (mb90F022+93C56)	Read/Write Odo and EEPROM
Terios (mb90F025+93C56)	Read /Write Odo and EEPROM
Terios (mb90F025+93C66)	Read/Write Odo and EEPROM

Ford (Denso)

Ranger 2008 (mb90F025+93C66)	Read/Write Odo and EEPROM

Honda (Denso)

Accord (mb91F016+93C86)	Read/Write Odo and EEPROM
Civic SI 2008-2011 (mb90F025+93C66)	Read/Write Odo and EEPROM
Insight Hybrid (mb91F038+93C86)	Read/Write Odo and EEPROM
Odyssey Absolute 2009 (mb91F037+93C66)	Read/Write Odo and EEPROM
Odyssey (mb91F047+93C66)	Read/Write Odo and EEPROM
Odyssey 2018 (mb91F062+93C86)	Read/Write Odo and EEPROM
Odyssey 2022 (mb91F062BS+93C86) 78100-THR-AR16-M1	Read/Write Odo and EEPROM
Passport 2018+ (mb91F062+93C86)	Read/Write Odo and EEPROM
Pilot 2018+ (mb91F062+93C86)	Read/Write Odo and EEPROM

Hyundai (Denso)

Avante (93C46)	Read/Write Odo and EEPROM
Elantra (93C46)	Read/Write Odo and EEPROM
Elantra (mb90F025+93C56)	Read/Write Odo and EEPROM
Elantra (mb90F025+93C66)	Read/Write Odo and EEPROM
Elantra 2010+ (mb90F025+93C66)	Read/Write Odo and EEPROM
Elantra (mb91F047+93C66)	Read/Write Odo and EEPROM
Elantra Supervision (mb91F038+93C66)	Read/Write Odo and EEPROM
Equus (mb91F037+93C66)	Read/Write Odo and EEPROM
Getz (93C46)	Read/Write Odo and EEPROM
Grand Starex (mb91F047+93C66)	Read/Write Odo and EEPROM
H1 (93C46)	Read/Write Odo and EEPROM
H1 (mb90F025+93C66)	Read/Write Odo and EEPROM
H1 (mb91F047+93C66)	Read/Write Odo and EEPROM
i30 (mb90F025+93C56)	Read/Write Odo and EEPROM
i30 2013 (mb91F037+93C66)	Read/Write Odo and EEPROM
i40 (mb91F016+93C66)	Read/Write Odo and EEPROM
ix35 (mb90F025+93C66)	Read/Write Odo and EEPROM
ix35 (mb91F047+93C66)	Read/Write Odo and EEPROM
ix35 2013+ (mb91F037+93C66)	Read/Write Odo and EEPROM
ix35 2013+ Supervision (mb91F037+93C66)	Read/Write Odo and EEPROM
ix35 Supervision (mb90F025+93C66)	Read/Write Odo and EEPROM
Matrix (93C46)	Read/Write Odo and EEPROM
Santa Fe (93C46)	Read/Write Odo and EEPROM
Santa Fe (mb90F025+93C66)	Read/Write Odo and EEPROM
Santa Fe (mb90F035+93C66)	Read/Write Odo and EEPROM
Santa Fe 2013+ Monochrome (mb91F037+93C66)	Read/Write Odo and EEPROM
Santa Fe 2013+ Supervision (mb91F037+93C66)	Read/Write Odo and EEPROM
Sonata (mb90F026+93C66)	Read/Write Odo and EEPROM
Sonata Hybrid 2013+ (mb91F016+93C66)	Read/Write Odo and EEPROM
Starex (93C46)	Read/Write Odo and EEPROM
Starex (mb90F025+93C66)	Read/Write Odo and EEPROM
Tucson 2004+ (93C46)	Read/Write Odo and EEPROM
Tucson 2013+ Supervision (mb91F037+93C66)	Read/Write Odo and EEPROM

KIA (Denso)

Cadenza (mb91F037+93C66)	Read/Write Odo and EEPROM
Carens 2008 (93C46)	Read/Write Odo and EEPROM
Carens 4 (mb91F037+93C66)	Read/Write Odo and EEPROM
Cerato (Forte) (93C46) v1	Read/Write Odo and EEPROM
Cerato (Forte) (93C46) v2	Read/Write Odo and EEPROM
Cerato (Forte) (93C46) v3	Read/Write Odo and EEPROM
Cerato (Forte) (mb90F025+93C56)	Read/Write Odo and EEPROM
Cerato (Forte) (mb90F025+93C66)	Read/Write Odo and EEPROM
Cerato (Forte) (mb90F025+93C66) v2	Read/Write Odo and EEPROM
Cerato (Forte) (mb91F037+93C66)	Read/Write Odo and EEPROM
Cerato (Forte) Supervision (mb91F037+93C66)	Read/Write Odo and EEPROM
Picanto (mb90F025+93C66)	Read/Write Odo and EEPROM
Picanto (mb90F025+93C66) v2	Read/Write Odo and EEPROM
Picanto (mb90F035+93C66)	Read/Write Odo and EEPROM
Quoris (mb91F037+93C66)	Read/Write Odo and EEPROM
Rio (mb90F025+93C66)	Read/Write Odo and EEPROM
Rio (mb90F035+93C66	Read/Write Odo and EEPROM
Sorento 2003+ (93C46)	Read/Write Odo and EEPROM

Lexus (Denso)

CT200h (mb91F037+93C66)	Read/Write Odo and EEPROM
ES200 2015+ (mb91F062+93C86)	Read/Write Odo and EEPROM

ES250 (mb91F058+93C66)   Read/Write Odo and EEPROM
ES250 2015+ (mb91F062+93C86)   Read/Write Odo and EEPROM
ES300 (mb91F058+93C66)   Read/Write Odo and EEPROM
ES350 (93C56, RA57)   Read/Write Odo and EEPROM
ES350 (mb91F058+93C66)   Read/Write Odo and EEPROM
GS250 (mb91F058+93C66)   Read/Write Odo and EEPROM
GS300 (93C46)   Read/Write Odo and EEPROM
GS300h 2016 (mb91F062+93C86)   Read/Write Odo and EEPROM
GS350 (mb91F058+93C66)   Read/Write Odo and EEPROM
HS250h (mb91F037+93C66)   Read/Write Odo and EEPROM
IS220 (93C56, RA57)   Read/Write Odo and EEPROM
IS200t 2015+ (mb91F062+93C86)   Read/Write Odo and EEPROM
IS300 MB91F062BS+93C86 83800-53N51   Read/Write Odo and EEPROM
LS hybrid (mb91F016+93C56)   Read/Write Odo and EEPROM
NX200 (mb91F061+93C66)   Read/Write Odo and EEPROM
NX200 (mb91F062+93C86)   Read/Write Odo and EEPROM
NX200 (MB91F061BS+93C66) 83800-78011-01   Read/Write Odo and EEPROM
NX300h (mb91F061+93C66)   Read/Write Odo and EEPROM
RC300h 2018 MB91F062BS+93C86 83800-24C20   Read/Write Odo and EEPROM
RX200 2015+ (mb91F062+93C86)   Read/Write Odo and EEPROM
RX270 (mb91F037+93C66)   Read/Write Odo and EEPROM
RX350 (93C46)   Read/Write Odo and EEPROM
RX350 (mb91F037+93C66)   Read/Write Odo and EEPROM
RX350 2015+ (mb91F062+93C86)   Read/Write Odo and EEPROM
RX350 2018 83800-48U82 (mb91F062+93C86)   Read/Write Odo and EEPROM
RX350L 2020 MB91F062BS+93C86 83800-4D510   Read/Write Odo and EEPROM
RX400 (mb91F037+93C66)   Read/Write Odo and EEPROM
RX450 (mb91F037+93C66)   Read/Write Odo and EEPROM
RX450 2015+ (mb91F062+93C86)   Read/Write Odo and EEPROM

Mitsubishi (Denso)

Delica D2 (mb91F047+93C86)   Read/Write Odo and EEPROM
Mirage (mb91F047+93C66)   Read/Write Odo and EEPROM

SsangYong (Denso)

Actyon (mb90F035+93C66)   Read/Write Odo and EEPROM
Actyon (mb91F016+93C56)   Read/Write Odo and EEPROM
Actyon (mb91F016+93C56) v2   Read/Write Odo and EEPROM

Subaru (Denso)

BZR 2012 (mb91F037+93C66)   Read/Write Odo and EEPROM
Stella 2013 (mb91F047+93C66)   Read/Write Odo and EEPROM
Stella 2014 (mb91F047+93C66)   Read/Write Odo and EEPROM
Trezia (mb91F047+93C66)   Read/Write Odo and EEPROM

Suzuki (Denso)

Boulevard C50 2011 (mb90F022+93C56)   Read/Write Odo and EEPROM
Boulevard C50 2013 (mb90F022+93C66)   Read/Write Odo and EEPROM
Solio (mb91F047+93C86)   Read/Write Odo and EEPROM
Spacia (mb91F047+93C86)   Read/Write Odo and EEPROM
Splash (mb90F025+93C56)   Read/Write Odo and EEPROM
SV1000 2013 (mb90F022+93C66)   Read/Write Odo and EEPROM
V-Strom 1000 2014 (mb90F022+93C66)   Read/Write Odo and EEPROM
Wagon R 2008 (mb90F022+93C56)   Read/Write Odo and EEPROM
Wagon R 2011 (mb90F025+93C56)   Read/Write Odo and EEPROM
Wagon R 2014-16 (mb91F047+93C86)   Read/Write Odo and EEPROM

Toyota (Denso)

Aqua 2012+ (mb91F047+93C66)   Read/Write Odo and EEPROM
Aqua 2013+ (mb91F037+93C86)   Read/Write Odo and EEPROM
Aqua 2018+ (mb91F058+93C86)   Read/Write Odo and EEPROM
Auris 2012+ (mb91F047+93C66)   Read/Write Odo and EEPROM
Avalon (mb91F058+93C66)   Read/Write Odo and EEPROM
Avensis T250 (93C46)   Read/Write Odo and EEPROM
Avensis T250 (93C46) v2   Read/Write Odo and EEPROM
Avensis T270 (mb91F016+93C66)   Read/Write Odo and EEPROM
Camry v40 (mb90F025+93C56)   Read/Write Odo and EEPROM
Camry v40 Dubai version (mb90F025+93C56)   Read/Write Odo and EEPROM

Camry xv50 (mb91F037+93C66)	Read/Write Odo and EEPROM
Camry xv50 USA (mb91F037+93C66)	Read/Write Odo and EEPROM
Camry xv55 (mb91F060+93C66)	Read/Write Odo and EEPROM
Corolla 2005 (93C46)	Read/Write Odo and EEPROM
Corolla 2006-12 (mb90F025+93C56)	Read/Write Odo and EEPROM
Corolla 2013+ (mb91F047+93C66)	Read/Write Odo and EEPROM
Corolla 2013+ USA (mb91F037+93C66)	Read/Write Odo and EEPROM
Corolla Altis (mb90F022+93C56)	Read/Write Odo and EEPROM
Corolla Altis 2008 (mb90F025+93C66)	Read/Write Odo and EEPROM
Corolla Altis 2014+ China (mb91F037+93C66)	Read/Write Odo and EEPROM
Corolla Altis (mb91F060+93C66)	Read/Write Odo and EEPROM
Corolla Axio 2008-12 (mb90F025+93C56)	Read/Write Odo and EEPROM
Corolla Axio (mb91F037+93C66)	Read/Write Odo and EEPROM
Corolla Axio 2012+ (mb91F047+93C66)	Read/Write Odo and EEPROM
Corolla Axio (mb91F058+93C86)	Read/Write Odo and EEPROM
Corolla E88-D (93C46)	Read/Write Odo and EEPROM
Corolla Fielder (93C46)	Read/Write Odo and EEPROM
Corolla Fielder 2008-12 (mb90F025+93C56)	Read/Write Odo and EEPROM
Corolla Fielder 2011+ (mb91F047+93C66)	Read/Write Odo and EEPROM
Corolla Fielder 2014+ (mb91F058+93C86)	Read/Write Odo and EEPROM
Crown Athlete 2006 (mb90F020+93C46)	Read/Write Odo and EEPROM
Crown Athlete (mb91F058+93C66)	Read/Write Odo and EEPROM
Crown Majesta (93C46)	Read/Write Odo and EEPROM
Crown Royal 2004 (mb90F022+93C46)	Read/Write Odo and EEPROM
Crown Royal (mb91F058+93C66)	Read/Write Odo and EEPROM
Crown Royal Hybrid(mb91F058+93C66)	Read/Write Odo and EEPROM
Estima 2005 (93C46)	Read/Write Odo and EEPROM
Estima 2006+ (mb90F025+93C56)	Read/Write Odo and EEPROM
Estima Hybrid 2010+ (mb90F025+93C56)	Read/Write Odo and EEPROM
Harrier 2015+ (mb91F060+93C66)	Read/Write Odo and EEPROM
Harrier MB91F060BS+93C66 83800-48U50-00	Read/Write Odo and EEPROM
Highlander (mb91F060+93C66)	Read/Write Odo and EEPROM
Highlander v2 (mb91F060+93C66)	Read/Write Odo and EEPROM
Highlander (mb91F061+93C66) Monochrome	Read/Write Odo and EEPROM
Highlander 2009+ (mb90F025+93C66)	Read/Write Odo and EEPROM
Lite Ace 2011 (mb90F022+93C56)	Read/Write Odo and EEPROM
Majesta 2009+ (mb91F037+93C66)	Read/Write Odo and EEPROM
Mark X 2005 (mb90F020+93C56)	Read/Write Odo and EEPROM
Mark X 2009+ (mb91F037+93C66)	Read/Write Odo and EEPROM
Matrix 2009 (mb90F025+93C56)	Read/Write Odo and EEPROM
Porte (93C46)	Read/Write Odo and EEPROM
Probox (mb91F047+93C66)	Read/Write Odo and EEPROM
Prius C 2013+ (mb91F037+93C86)	Read/Write Odo and EEPROM
Ractis 2010+ (mb91F047+93C66)	Read/Write Odo and EEPROM
Ractis 2015+ (mb91F058+93C86)	Read/Write Odo and EEPROM
RAV4 (mb90F025+93C56)	Read/Write Odo and EEPROM
RAV4 2013+ (mb91F037+93C66)	Read/Write Odo and EEPROM
RAV4 2013+ USA (mb91F037+93C66)	Read/Write Odo and EEPROM
Rush 2008 (mb90F025+93C56)	Read/Write Odo and EEPROM
Rush 2009 (mb90F025+93C66)	Read/Write Odo and EEPROM
Sienna (mb91F037+93C66)	Read/Write Odo and EEPROM
Sienna (mb91F061+93C66)	Read/Write Odo and EEPROM
Sienta (93C46)	Read/Write Odo and EEPROM
Succeed (mb91F047+93C66)	Read/Write Odo and EEPROM
Town Ace 2011 (mb90F022+93C56)	Read/Write Odo and EEPROM
Vanguard 2008+ (mb90F025+93C56)	Read/Write Odo and EEPROM
Venza 2009+ (mb90F025+93C66)	Read/Write Odo and EEPROM
Vios 2006+ (mb90F025+93C56)	Read/Write Odo and EEPROM
Vitz 2006+ (mb90F025+93C56)	Read/Write Odo and EEPROM
Vitz 2011+ (mb91F047+93C66)	Read/Write Odo and EEPROM

Vitz 2015+ (mb91F058+93C86)	Read/Write Odo and EEPROM
Vitz (mb91F058BS+93C86) 83800-5CY11-00	Read/Write Odo and EEPROM
Wish 2009-14 (mb90F025+93C66)	Read/Write Odo and EEPROM
Yaris 2006+ (mb90F025+93C56)	Read/Write Odo and EEPROM
Yaris 2011+ (mb91F047+93C66)	Read/Write Odo and EEPROM

Flash reading (reading new clusters versions and add them into the new software update)

Hyundai, KIA (autodetect)	OBD2
Toyota, Lexus (mb91F016)	OBD2
Toyota, Lexus (mb91F037)	OBD2
Toyota, Lexus (mb91F058)	OBD2
Toyota, Lexus (mb91F060)	OBD2
Toyota, Lexus (mb91F061)	OBD2
Toyota, Lexus (mb91F062)	OBD2
mb90F025	Denso adapter
mb90F035	Denso adapter
mb91F060	Denso adapter
mb91F061	Denso adapter
mb91F062	Denso adapter

License ST006 (Nissan VDO NEC+24c16):

Infiniti (ELS27)

JX35 2013+ (NEC+24c16)	Read/Write Odo and EEPROM
QX60 2014+ (NEC+24c16)	Read/Write Odo and EEPROM

Nissan (ELS27)

Altima 2013+ (NEC+24c16)	Read/Write Odo and EEPROM
Leaf 2011+ (NEC+24c16)	Read/Write Odo and EEPROM
Pathfinder 2014+ (NEC+24c16)	Read/Write Odo and EEPROM
Serena 2011+ (NEC+24c16)	Read/Write Odo and EEPROM
Teana 2014+ (NEC+24c16)	Read/Write Odo and EEPROM

License ST007 (Toyota VDO NEC+24c16, VDO NEC without external EEPROM, Camry v70 VDO):

Toyota (ELS27)

Auris 2012+ VDO (NEC+24c16)	Read/Write Odo and EEPROM
Auris 2015+ VDO (NEC 70F3535)	Read/Write Odo and EEPROM
Avensis 2015+ VDO (NEC 70F3535)	Read/Write Odo and EEPROM
Camry v70 (R7F701406)	Read/Write Odo and EEPROM
Camry v70 2021+ (R7F701406)	Read/Write Odo and EEPROM
C-HR 2016+ VDO (NEC 70F3535)	Read/Write Odo and EEPROM
C-HR 2020+ VDO (R7F701418) v1,v2	Read/Write Odo and EEPROM
Corolla 2013+ VDO (NEC+24c16)	Read/Write Odo and EEPROM
Corolla 2015+ VDO (NEC 70F3535)	Read/Write Odo and EEPROM
Tacoma 2016+ VDO (NEC 70F3535)	Read/Write Odo and EEPROM
Tacoma 2020+ VDO (NEC 70F3535)	Read/Write Odo and EEPROM

License ST008 (KIA Sportage 2016+ Yazaki (NEC+25160)):

KIA (ELS27)

Sportage 2016+ Yazaki (NEC+25160)	Read/Write Odo.
Sportage 2017+ Yazaki (NEC+25160)	Read/Write Odo.
Sportage 2019+ Yazaki (NEC+25160)	Read/Write Odo.

License ST009 (Mazda Calsonic Kansei 93c86):

Mazda (ELS27)

Mazda 2 (93c86) 2018+	Read/Write Odo.
Mazda 6 Color Display (93c86) 2016+	Read/Write Odo.
Mazda CX-3 (93c86) 2018	Read/Write Odo.
Mazda CX-5 Color Display (93c86) 2016+	Read/Write Odo.
Mazda CX-9 Color Display (93c86) 2016+	Read/Write Odo.
Mazda CX-9 Segment LCD (93c86) 2017+	Read/Write Odo.
Mazda Demio (93c86) 2018+	Read/Write Odo.

License ST010 (Hyundai/KIA Denso 2013+ OBD2*):

KIA (ELS27* or CAN FD adapter)

Cadenza 2013+ (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
Carens 4 (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
Carnival 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Ceed 2018+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Cerato (Forte) 2013+ (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
Cerato (Forte) 2013+ Supervision (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
Cerato (Forte) 2016+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Cerato 2015+ (mb91F067)	Read/Write Odo and EEPROM/Flash
Cerato 2018+ (mb91F061)	Read/Write Odo and EEPROM/Flash
K900 2019 (mb91F061) Full LCD	Read/Write Odo and EEPROM/Flash
K7 (Cadenza) 2016+ (mb91F067)	Read/Write Odo and EEPROM/Flash
Mohave 2021 (mb91F061) 7in LCD	Read/Write Odo and EEPROM/Flash
Niro 2018+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Picanto 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Picanto 2017+ (mb91F062)	Read/Write Odo and EEPROM/Flash
Quoris 2013+ (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
Ray 2021 (mb91F061)	Read/Write Odo and EEPROM/Flash
Sedona 2015+ (mb91F047+93C66)	Read/Write Odo and EEPROM/Flash
Sorento 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Sorento 2015+ (mb91F067)	Read/Write Odo and EEPROM/Flash
Kia Soul 2019+ (mb91F061)	Read/Write Odo and EEPROM/Flash

Hyundai (ELS27*)

Elantra 2013+ (mb91F047+93C66)	Read/Write Odo and EEPROM/Flash
Elantra 2013+ Supervision (mb91F038+93C66)	Read/Write Odo and EEPROM/Flash
Elantra 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Elantra 2015+ (mb91F067)	Read/Write Odo and EEPROM/Flash
Elantra 2015+ (mb91F067) USA	Read/Write Odo and EEPROM/Flash
Elantra 2021 (mb91F061) Small LCD	Read/Write Odo and EEPROM/Flash
Elantra 2021 (mb91F061) Full LCD	Read/Write Odo and EEPROM/Flash
Equus (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
Genesis G90 (mb91F061)	Read/Write Odo and EEPROM/Flash
Grand Starex 2015+ (mb91F047+93C66)	Read/Write Odo and EEPROM/Flash
H1 2015+ (mb91F047+93C66)	Read/Write Odo and EEPROM/Flash
H350 2020 (mb91F038+93C66)	Read/Write Odo and EEPROM/Flash
i30 2013+ (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
i30 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash
i30 2015+ (mb91F062)	Read/Write Odo and EEPROM/Flash
i30 2017+ (mb91F061)	Read/Write Odo and EEPROM/Flash
i30 Supervision 2015+ (mb91F062)	Read/Write Odo and EEPROM/Flash
i40 2013+ (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
i40 2015+ (mb91F062)	Read/Write Odo and EEPROM/Flash
ix35 2013+ (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
ix35 2013+ (mb91F047+93C66)	Read/Write Odo and EEPROM/Flash
ix35 2013+ Supervision (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
Santa Fe 2013+ Monochrome (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
Santa Fe 2013+ Supervision (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash
Santa Fe 2013+ Monochrome (mb91F038+93C66)	Read/Write Odo and EEPROM/Flash
Santa Fe 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Santa Fe 2015+ (mb91F067)	Read/Write Odo and EEPROM/Flash
Santa Fe 2018+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Santa Fe 2020+ (mb91F062)	Read/Write Odo and EEPROM/Flash
Sonata 2014+ (mb91F062)	Read/Write Odo and EEPROM/Flash
Sonata 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Sonata 2015+ (mb91F062)	Read/Write Odo and EEPROM/Flash
Tucson 2013+ Supervision (mb91F037+93C66)	Read/Write Odo and EEPROM/Flash

* In some models 2018+ the Central Gateway is blocking communication between vehicles OBD2 port and instrument cluster, in that case the instrument panel must be removed and programmed on the bench according to the diagram and instruction provided. Using License FD101 (Gateway Certification) the Central Gateway can be bypassed and programming can be done over vehicles OBD2 port!

License ST011 (Hyundai/KIA EOL Configuration):

Hyundai/KIA (ELS27 or CAN FD adapter*) *

The EOL Configuration is designed for enabling/disabling certain instrument clusters options*:

SCC – Smart cruise control

EPB – Electronic Parking Brake

CUbiS – Car Ubiquitous System

MDPS – Motor Driven Power Steering

ESC – Electronic Stability Control

TPMS – Tire Pressure Monitoring System

LDWS/LKAS – Lane Departure Warning System / Lane Keeping Assist System

ECS – Electronic Control Suspension

ABS – Anti-lock Brake System

PSB – Pre-Safe Seat Belt

AFLS – Adaptive Front Lighting System

4WD – Full wheel drive system

* Works only if such option is supported by instrument cluster.

** In some models 2018+ the Central Gateway is blocking communication between vehicles OBD2 port and instrument cluster, in that case the instrument panel must be removed and programmed on the bench according to the diagram and instruction provided. Using License FD101 (Gateway Certification) the Central Gateway can be bypassed and programming can be done over vehicles OBD2 port!

License ST012 (Fujitsu / Spansion soldering points, using Denso adapter):

Daihatsu (Denso adapter) *

Move 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash

Honda (Denso adapter) *

Accord 2018+ (s6j3001)	Read/Write Odo and EEPROM
Fit 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Fit Hybrid 2014+ (mb91F060)	Read/Write Odo and EEPROM/Flash
Jade 2015+ (mb91F060)	Read/Write Odo and EEPROM/Flash
Shuttle Hybrid 2015+ (mb91F060)	Read/Write Odo and EEPROM/Flash
Vezel Hybrid 2014+ (mb91F060)	Read/Write Odo and EEPROM/Flash

Hyundai (Denso adapter) *

i30 2015+ (mb91F062)	Read/Write Odo and EEPROM/Flash
Kona 2018+ USA (mb91F061)	Read/Write Odo and EEPROM/Flash
Kona (s6j32BA)	Read/Write Odo and EEPROM
Palisade (s6j332E)	Read/Write Odo and EEPROM
Palisade Big Display (s6j332E)	Read/Write Odo and EEPROM
Santa Fe 2018+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Santa Fe 2021+ (mb91F062)	Read/Write Odo and EEPROM/Flash
Veloster (s6j32BA)	Read/Write Odo and EEPROM

Kia (Denso adapter) *

Ceed 2018+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Cerato (Forte) 2017+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Cerato 2018+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Picanto 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Sorento 2015+ (mb91F067)	Read/Write Odo and EEPROM/Flash
Telluride (s6j332E)	Read/Write Odo and EEPROM
Telluride Big Display (s6j332E)	Read/Write Odo and EEPROM

Lexus (Denso adapter) *

ES350 2018+ (s6j3001)	Read/Write Odo and EEPROM
UX200 2018+ (s6j3001)	Read/Write Odo and EEPROM

Suzuki (Denso adapter) *

Hustler (mb91F061)	Read/Write Odo and EEPROM/Flash
Jimny 2020 (mb91F061)	Read/Write Odo and EEPROM/Flash
Jimny 2020 (mb91F062)	Read/Write Odo and EEPROM/Flash
Solio 2016 (mb91F061)	Read/Write Odo and EEPROM/Flash

Toyota (Denso adapter) *

Camry v70 (Denso)	Read/Write Odo and EEPROM
Corolla 2018+ (s6j3001)	Read/Write Odo and EEPROM
Corolla 2018+ v2 (s6j3001)	Read/Write Odo and EEPROM
Fortuner 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Fortuner 2022 (mb91F060)	Read/Write Odo and EEPROM/Flash
Highlander 2020+ (s6j3001)	Read/Write Odo and EEPROM
Raize 2020+ (s6j3001)	Read/Write Odo and EEPROM
RAV4 2015+ (mb91F060)	Read/Write Odo and EEPROM/Flash
RAV4 2018+ (s6j3001)	Read/Write Odo and EEPROM
RAV4 2019+ (s6j3001)	Read/Write Odo and EEPROM
Rush 2017+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Sienta 2015+ (mb91F061)	Read/Write Odo and EEPROM/Flash
Sienta 2018 (mb91F060)	Read/Write Odo and EEPROM/Flash

* Disassembling of instrument cluster is required

License ST013 (Subaru):
Subaru (ELS27)

Legacy 2015+ (D70F35xx)	Read/Write Odo and EEPROM
Legacy 2015+ (D70F35xx) 5 kb	Read/Write Odo and EEPROM
Outback 2015+ (D70F35xx)	Read/Write Odo and EEPROM
Outback 2015+ (D70F35xx) 5 kb	Read/Write Odo and EEPROM

License ST014 (GM):
Cadillac (ELS27)

Escalade 2019 (25C320 in BCM)	Read/Write Odo

Chevrolet (ELS27)

Aveo (25C160 in BCM)	Read/Write Odo, Read Pin code (CarPass)
Cobalt (25C160 in BCM)	Read/Write Odo, Read Pin code (CarPass)
Camaro (24C16 in BCM)	Read/Write Odo, Read Pin code (CarPass)
Cruze (24C16 in BCM)	Read/Write Odo, Read Pin code (CarPass)
Malibu (24C16 in BCM)	Read/Write Odo, Read Pin code (CarPass)
Malibu 2019 (24C32 in BCM)	Read/Write Odo
Orlando (24C16 in BCM)	Read/Write Odo, Read Pin code (CarPass)
Silverado 2017 (25C320 in BCM)	Read/Write Odo
Suburban 2019 (25C320 in BCM)	Read/Write Odo
Tracker 2014 (25C160 in BCM)	Read/Write Odo
Trailblazer (24C16 in BCM)	Read/Write Odo, Read Pin code (CarPass)

GMC (ELS27)

Sierra 2017 (25C320 in BCM)	Read/Write Odo
Yukon 2016 (93C86 in BCM)	Read/Write Odo
Yukon 2019 (25C320 in BCM)	Read/Write Odo

Opel (ELS27)

Astra J (25C160 in BCM)	Read/Write Odo, Read Pin code (CarPass)
Insignia (24C16 in BCM)	Read/Write Odo, Read Pin code (CarPass)
Insignia 2014+ (24C16 in BCM)	Read/Write Odo
Mokka (24C16 in BCM)	Read/Write Odo, Read Pin code (CarPass)

Ravon (ELS27)

R2 (25C320 in BCM)	Read/Write Odo, Read Pin code (CarPass)
R4 (25C320 in BCM)	Read/Write Odo, Read Pin code (CarPass)

License ST015 (Hyundai/Kia Denso over OBD2 without flashing):
Hyundai (ELS27)

Equus (Centennial) 2013-2015 Full TFT LCD (mb91F037+93C66)	Read/Write Odo and EEPROM

Kia (ELS27)

Cadenza 2013-2016 7in TFT LCD (mb91F037+93C66)	Read/Write Odo and EEPROM
Carens 2012-2016 SuperVision TFT LCD (mb91F037+93C66)	Read/Write Odo and EEPROM
Carens 2012-2016 Small LCD (mb90F026+93C66)	Read/Write Odo and EEPROM
Carnival (Sedona) 2014+ Small segment LCD (mb91F047+93C66)	Read/Write Odo and EEPROM
Cerato (K3, Forte) 2012-2016 Segment LCD (mb90F025+93C66)	Read/Write Odo and EEPROM
Cerato (K3, Forte) 2012-2017 SuperVision Monochrome (mb91F037+93C66)	Read/Write Odo and EEPROM
Cerato (K3, Forte) 2012-2017 SuperVision TFT LCD (mb91F037+93C66)	Read/Write Odo and EEPROM
Quoris 2012-2014 SuperVision Full TFT LCD (mb91F037+93C66)	Read/Write Odo and EEPROM
Quoris 2012-2014 SuperVision TFT LCD (mb91F037+93C66)	Read/Write Odo and EEPROM
Quoris 2015-2017 SuperVision Full TFT LCD (mb91F037+93C66)	Read/Write Odo and EEPROM

License ST016 (Renault OBD2 Set 2):
Renault (ELS27)

KWID (MB96F119RB)	Read/Write Odo and Flash
Arkana (R7F701400)*	Read/Write Odo and EEPROM
Duster 2 (R7F701400)*	Read/Write Odo and EEPROM
ECM EMS3120**	Read/Write Odo

* ABS might have active reading storage and must be corrected prior setting new reading in the instrument cluster.

The algorithm valid for EMS3120 ECM only

Datsun (OBD2)
Redi-GO (MB96F119RB)	Read/Write Odo and Flash

License ST017 (Hyundai S&T Motiv OBD2*):
Hyundai (ELS27*)
Kona 2018+ (s6j3xxx)	Read/Write Odo
Veloster 2018+ (s6j3xxx)	Read/Write Odo

* In some models 2018+ the Central Gateway is blocking communication between vehicles OBD2 port and instrument cluster, in that case the instrument panel must be removed and programmed on the bench according to the diagram and instruction provided

License ST018 (ABS Bosch OBD2):
ABS Bosch (ELS27)*	Read/Write Odo and EEPROM
ABS Bosch Arkana (R7F701333) (ELS27)	Read/Write Odo, Read EEPROM

* ABS Bosch modules supported with EEPROM ST95320/ST95640/ ST95128. Automatic EEPROM detection

* Not supported modules found on Renault Duster 2015-2016:
   0265 261 127
   0265 243 681
   0265 245 742

Bonus for ST010+ST015:
Kia (ELS27)
Rio 2011-2017 Supervision (mb90F025+93C66)	OBD2, Read/Write Odo and EEPROM/Flash
Hyundai (ELS27)
Elantra 2012 (mb90F025+93C66)	OBD2, Read/Write Odo and EEPROM/Flash

Bonus for 6 and more licenses:
Kia (Calculator)

Seltos Visteon (24C32) Small LCD Calculator
Niro Visteon (24C32) Calculator

Hyundai (Calculator)

Ioniq Visteon (24C32) Small LCD Calculator
Creta Visteon (24C32) Calculator

Base License CAN FD adapter
Kia (Calculator)

Seltos Big LCD Visteon (24C32) Calculator

Hyundai (Calculator)

Creta Big LCD Visteon (24C32) Calculator

License FD101 (Gateway Certification)

Tested with licenses ST002, ST010, FD102, FD103, FD104. After applying Gateway Certificate, the CGW is not blocking communication with instrument cluster anymore and programming can be done over OBD2 without removing cluster.

License FD102 (Hyundai, Kia clusters DNKR with R7F7014xx microcontrollers with preparation: using Denso adapter 0 km/miles must be set first, then using CAN FD adapter set required reading)

Kia (CAN FD adapter + Denso adapter)

Carnival 2021+ (R7F701421)	Read/Write Odo, Read EEPROM and Flash
Carnival 2021+ Full LCD (R7F701421)	Read/Write Odo, Read EEPROM and Flash
Ceed 2021+ (R7F701401)	Read/Write Odo, Read EEPROM and Flash
Cerato 2021+ (R7F701401)	Read/Write Odo, Read EEPROM and Flash
K9 2021+ (R7F701401)	Read/Write Odo, Read EEPROM and Flash

Hyundai (CAN FD adapter + Denso adapter)

I20, Bayon 2021+ Full LCD (R7F701401)	Read/Write Odo, Read EEPROM and Flash
Kona 2021+ Full LCD (R7F701401)	Read/Write Odo, Read EEPROM and Flash
K8 2021+ Full LCD (R7F701421)	Read/Write Odo, Read EEPROM and Flash
Santa Cruz 2021+ Full LCD (R7F701421)	Read/Write Odo, Read EEPROM and Flash
Sportage 2021+ Full LCD (R7F701421)	Read/Write Odo, Read EEPROM and Flash
Staria 2021+ Full LCD (R7F701421)	Read/Write Odo, Read EEPROM and Flash
Tucson 2021+ Full LCD (R7F701421)	Read/Write Odo, Read EEPROM and Flash
Tucson 2021+ (R7F701421)	Read/Write Odo, Read EEPROM and Flash

License FD103 (paid add-on to license ST002, no patching, CAN FD adapter is required). VDO panels using Gateway Certificate. *

Kia (CAN FD adapter)

Bongo 2021+ (R7F701403)	Read/Write Odo and EEPROM, Read Flash
K5 2021+ (R7F701418)	Read/Write Odo and EEPROM, Read Flash
K5 2021+ (R7F7014xx) Full LCD	Read/Write Odo and EEPROM, Read Flash
Rio 2021+ (70F3524) Segment LCD	Read/Write Odo and EEPROM, Read Flash
Rio 2021+ (R7F701418) Color display	Read/Write Odo and EEPROM, Read Flash
Sorento 2021+ (R7F7014xx) CAN FD	Read/Write Odo and EEPROM, Read Flash
Sorento 2021+ (R7F7014xx) Fill LCD CAN FD	Read/Write Odo and EEPROM, Read Flash
Stinger 2021+ (R7F7014xx)	Read/Write Odo and EEPROM, Read Flash
Stonic 2021+ (R7F701418) Color display	Read/Write Odo and EEPROM, Read Flash
Stonic 2021+ (70F3524) Segment LCD	Read/Write Odo and EEPROM, Read Flash
Sportage 2022+ (R7F701403)	Read/Write Odo and EEPROM, Read Flash

Hyundai (CAN FD adapter)

Genesis G80 2020+ (R7F7014xx)	Read/Write Odo and EEPROM, Read Flash
Genesis GV80 2020+ (R7F7014xx)**	Read/Write Odo and EEPROM, Read Flash
Genesis GV80 2020+ (R7F7014xx) Full LCD**	Read/Write Odo and EEPROM, Read Flash
Grandeur 2019+ (R7F7014xx)	Read/Write Odo and EEPROM, Read Flash
Palisade 2021+ (R7F7014xx) Full LCD	Read/Write Odo and EEPROM, Read Flash
Porter 2021+ (R7F701403)	Read/Write Odo and EEPROM, Read Flash
Solaris 2021+ (70F3524) Segment LCD	Read/Write Odo and EEPROM, Read Flash
Sonata 2021+ (R7F7014xx)	Read/Write Odo and EEPROM, Read Flash
Sonata 2021+ (R7F7014xx) Full LCD	Read/Write Odo and EEPROM, Read Flash
Tucson 2022+ (R7F701406)	Read/Write Odo and EEPROM, Read Flash

* The instrument panel can be programmed on the bench according to the diagram and instruction provided. Current license enables smooth programming without patching EEPROM in prior.
The Central Gateway can be bypassed with License FD101 (Gateway Certification) and programming can be done over vehicles OBD2 port!

** The instrument panel programs on car over OBD2 port only. Must use "Gateway Certification -> Start", before selecting instrument panel to disable (bypass) Gateway.

License FD104 (Hyundai, KIA Mobis)*

Kia (CAN FD adapter)

Ceed (ProCeed, XCeed) 2020+ Full LCD (FS32K)	Read/Write Odo and EEPROM
Mohave 2019+ Full LCD (FS32K)	Read/Write Odo and EEPROM
Kia Telluride 4in LCD (s6j332E)	Read/Write Odo and EEPROM
Kia Telluride 7in LCD (s6j332E)	Read/Write Odo and EEPROM

Hyundai (CAN FD adapter)

Kona Electric (s6j300B)	Read/Write Odo and EEPROM

Palisade 7in LCD (s6j332E)	Read/Write Odo and EEPROM
Santa Fe 2020+ Full LCD (FS32K)	Read/Write Odo and EEPROM

* The instrument panel must be removed and programmed on the bench according to the diagram and instruction provided. The Central Gateway can be bypassed with License FD101 (Gateway Certification) and programming can be done over vehicles OBD2 port!

License FD106 (Hyundai, KIA China cluster set 1 with flashing)*
Kia (CAN FD adapter)

Niro 2021+ 4in LCD (s6j324C)	Read/Write Odo, write Flash
Sportage 2021+ 4in LCD (s6j324C)	Read/Write Odo, write Flash
Sportage 2021+ 4in LCD (R7F701461)	Read/Write Odo, write Flash

Hyundai (CAN FD adapter)

Staria 2021+ 4in LCD (s6j324C)	Read/Write Odo, write Flash
Staria 2021+ 4in LCD (R7F701461)	Read/Write Odo, write Flash
Santa Fe 2020+ Full LCD (FS32K)	Read/Write Odo, write Flash

* The instrument panel must be removed and programmed on the bench according to the diagram and instruction provided. The Central Gateway can be bypassed with License FD101 (Gateway Certification) and programming can be done over vehicles OBD2 port!

License FD108 (Hyundai, KIA DNKR with R7F701401, R7F701421 with flashing) *
Hyundai (CAN FD adapter)

I20, Bayon 2021+ Full LCD (R7F701401)	Read/Write Odo, write Flash
Ioniq 5 2022 Full LCD (R7F701421)	Read/Write Odo, write Flash
Kona 2021+ Full LCD (R7F701401)	Read/Write Odo, write Flash
Kia Niro 2022+ Full LCD (R7F701421)	Read/Write Odo, write Flash
Santa Cruz 2021+ Full LCD (R7F701421)	Read/Write Odo, write Flash
Staria 2021+ Full LCD (R7F701421)	Read/Write Odo, write Flash
Tucson 2021+ (R7F701421)	Read/Write Odo, write Flash
Tucson 2021+ Full LCD (R7F701421)	Read/Write Odo, write Flash

KIA (CAN FD adapter)

Carnival 2021+ (R7F701421)	Read/Write Odo, write Flash
Carnival 2021+ Full LCD (R7F701421)	Read/Write Odo, write Flash
Ceed 2021+ (R7F701401)	Read/Write Odo, write Flash
Cerato 2021+ (R7F701401)	Read/Write Odo, write Flash
K3 2021+ Full LCD (R7F701401)	Read/Write Odo, write Flash
K3 2021+ (R7F701401)	Read/Write Odo, write Flash
K8 2021+ Full LCD (R7F701421)	Read/Write Odo, write Flash
K9 2021+ Full LCD (R7F701401)	Read/Write Odo, write Flash
Seltos 2022+ Full LCD (R7F701421)	Read/Write Odo, write Flash
Sportage 2021+ Full LCD (R7F701421)	Read/Write Odo, write Flash

* Supports clusters with certain Flash version only

License FD109 (Hyundai, KIA China cluster set 1 with flashing) **
Hyundai (CAN FD adapter)

Avante 2022+ 4in LCD (R7F701461)	
Avante 2021+ 4in LCD (s6j324C)	
Elantra 2021+ 4in LCD (s6j324C)	Read/Write Odo, write Flash
Elantra 2022+ 4in LCD (R7F701461)	Read/Write Odo, write Flash
Palisade 2022+ 4in LCD (s6j324C)	Read/Write Odo, write Flash
Venue 2022+ 4in LCD (R7F701461)	Read/Write Odo, write Flash
Venue 2021+ 4in LCD (s6j324C)	Read/Write Odo, write Flash

KIA (CAN FD adapter)

Carens 2021+ 4in LCD (s6j324C)	Read/Write Odo, write Flash
Seltos 2021+ 4in LCD (s6j324C)	Read/Write Odo, write Flash
Kia Soul 2022+ 4in LCD (s6j324C)	Read/Write Odo, write Flash

Telluride 2021+ 4in LCD (s6j324C)   Read/Write Odo, write Flash

* Supports clusters with certain Flash version only
** The instrument panel must be removed and programmed on the bench according to the diagram and instruction provided. The Central Gateway can be bypassed with License FD101 (Gateway Certification) and programming can be done over vehicles OBD2 port!

License FD110 (Mitsubishi via OBD2 or CAN) *
Mitsubishi (CAN FD adapter)
ABS Bosch Outlander 4 (R7F701333A)   Read Odo, Write to 0 km/mls

License FD112 (Toyota, Lexus S6j3001 Denso clusters via OBD2 or CAN) *
Lexus (CAN FD adapter)
ES350 2018+ (s6j3001)   Read/Write Odo and Flash
LS500 2020+ (s6j3001)   Read/Write Odo and Flash
LX600 2020+ (s6j3001)   Read/Write Odo and Flash
UX200 2018+ (s6j3001)   Read/Write Odo and Flash

Toyota (CAN FD adapter)
Aqua 2021+ (s6j3001)   Read/Write Odo and Flash
Avalon (s6j3001)   Read/Write Odo and Flash
Camry v70 (s6j3001)   Read/Write Odo and Flash
C-HR 2022 (s6j3001)   Read/Write Odo and Flash
Corolla 2018+ (s6j3001)   Read/Write Odo and Flash
Crown RS 2018+ (s6j3001)   Read/Write Odo and Flash
Granvia 2019+ (s6j3001)   Read/Write Odo and Flash
Hiace 2019+ (s6j3001)   Read/Write Odo and Flash
Highlander 2020+ (s6j3001)   Read/Write Odo and Flash
RAV4 2018+ (s6j3001)   Read/Write Odo and Flash
Sienna 2019 + (s6j3001)   Read/Write Odo and Flash
Yaris 2018+ (s6j3001)   Read/Write Odo and Flash
Yaris Cross 2020+ (s6j3001)   Read/Write Odo and Flash
Venza 2020+ (s6j3001)   Read/Write Odo and Flash
*Remove instrument cluster and work on bench if OBD2 programming was not successful.
 Note: Lexus LX600 and Toyota Yaris can be programed on bench only.